Work Order I Thursday, May 15, 2			*119385*										
Revision ID:	664-5 nless Steel Wearplate Center Aft		Accept	*N900	0040	10)* ፡	Setup Sta		S1*			
Start Date: 5/15 Required Date: 5/15 Reference:	5/14 Start Qty: 12.00	*1 <i>2</i> * *1 <i>2</i> *		Cust Item Customer:					* *N	S2*			
QC	,	Date: 14-05-21	Tooling: SPC (Y/N):	-	ate:		F	Run Sta Sto	// // P	R1* R2*			
Sequence ID/ Work Center ID Draw Nbr	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp			
D3564	Revision Nbr												
1 nn Waterjet FLOW CNC Waterjet	FLOW WATER JET Memo	Dwg D3564 Dwg Rev:_cessary	0.00 One of the control of the cont	_2-			13	0		Jn14-05-24			
*110 * 1 \(\dagger)* QC \(\text{Quality Control}\)	QC2- Inspect parts off m	achine FAI/FAIB	0.00				_/3	0		Jm1405-24			
120 *1 On* QC Quality Control	QC8- Inspect parts - seco	and check	0.00 WS2(, o			13	·					

DQA:	Date:							DART						
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPDATE				AEROSPACE	
QA Closed:			Date:							W	ork Order up	date only		
Work Orde	or.					DISPOSITION			AGAINST	DE	PARTMENT	PROCESS		
WOIK OIG	-' •					Rework			Skid-tube Crosstube			Water Jet	Engineering	
Part N	lo.					Scrap		Machining Small Fa			Pro	d. Eng. Coor.	Quality	
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NCR N	۱o.					Suspected Unapproved _			Large Fab Composite] '	Supplier		
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Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector	
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	\vdash	Cuffs	,	,		Contamination		1 .	tions Incomplete/Unclear		Part Moved	Ť	Wrong Stock Pulled	
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ر ماريخ ا	1.,	Heat Trea	it			Cut Too Short		Mislabe			Power Loss/		Other	
		Inspection		Tube		Drawing		Misrea			_			
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		Turning S	equence			Finish		Out of	Calibration					
	Wave/Twist in Tube				Fit/Function		Out of Sequence							

Work Order ID 119385 *119385* Page 2 Thursday, May 15, 2014 3:52:10 PM Item ID: D3564-5 Accept *N900040100* Setup Start **Revision ID: Item Name:** Stainless Steel Wearplate Center Aft Stop **Start Date:** 5/15/14 **Start Qty: 12.00** *12* **Cust Item ID:** Required Date: 5/15/14 Req'd Qty: 12.00 *19* **Customer:** Reference: Run Start Approvals: Process Plan: Date: _ ____ Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. **Work Center ID** Description **Run Hours** Code **Qty** Qty Number Stamp 130 0.00 NC BRAKE *120* Brake NC 0.00 DAS Memo Brake NC 30 Deburr if necessaryForm on Brake as per Dwg D3564 using Jigs DT8179 and DT8155Form Joggle as per Dwg D3564 on brake using Jig DT8157 9-89 140 QC5- Inspect part completeness to step on W/O *140* Memo Quality Control Ensure joggle as per dwg D3429

150

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

150 Powdercoat

Powder Coating

Memo

FINISH TIME:

1B- & H-6-2.

DQA:			Date:			-								TOART
OA Classide			Date:			WORK ORDER NON	-CC	ONFO	RMANCE / UPDATE	۱۸/،	ork Order up	ndate only		AEROSPACE
QA Closed:			Date.			<u> </u>	-			77(ork Order up	date only		
Work Orde	r:					DISPOSITION			AGAINST	DE	PARTMENT,	/PROCESS		
	-					Rework	1		Skid-tube Crosstube			Water Jet		Engineering
Part No	ο.					Scrap			Machining Small Fab	1	Pro	d. Eng. Coor.		Quality
	_					Use-as-is			noforming Finishing		Rec/Sto	re/Packaging		Other
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}	_	Bending Centre No	ot Consor	atric		BOM/Route	\vdash	Grain	riogram	\vdash	Over/Under		_	Set-up
 		Centre No Cracks	or concer	IUIC	\vdash	Broken/Damage/Defect	\vdash	Hardwa	are	\vdash	Part Incorre	1		Temperature/Cure
	_	Cracks Crimp/Kir	nk/Rinnle	/Maye	-	Burrs		4	ion Incomplete/Unqualified	\vdash	Part Lost/M			Weld
		Cuffs	ik/itippie	, wave	-	Contamination	\vdash	4	tions Incomplete/Unclear	 	Part Moved	8		Wrong Stock Pulled
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j	-	Inspectio		Tube		Drawing		Misrea				-		
<u> </u>	$\overline{}$	Marks/Ch	· ·			Drill Holes		Off-set						
	\dashv	Turning S				Finish		4	Calibration		· · · · · · · · · · · · · · · · · · ·			
	-	Wave/Tw				Fit/Function		4	Sequence					

Work Ord				*119	9385*							Page 3
Item ID: Revision ID: Item Name:	D3564-5 Stainless Stee	el Wearplate Center Aft		Accept	*N90	0040	110	N *	Setup	Start Stop	· I VI	S1* S2*
Start Date: Required Date: Reference:	5/15/14 5/15/14	Start Qty: 12.00 Req'd Qty: 12.00	*12 *12		Cust Iten Customer						"IVI	52°
Approvals:	Process Pla	an:	Date:	Tooling:		Date:			Run	Start Stop	*N	R1*
	· · · · · · · · · · · · · · · · · · ·		Date:	SPC (Y/N):		Date:				оюр	*N	R2*
Sequence ID/ Work Center II 160 *1 AA* QC Quality Control)	Operation Description QC3- Inspect Part Finish Memo		Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Rejo Qty		Reject Number	Insp. Stamp
170 *170* Packaging Packaging		Identify as per dwg & Stoo Memo	ck Location: FP-C	0.00				XIB		<u>_</u>	_H	<u>ulo</u> 6/1

180

QC21- Final Inspection - Work Order Release

0.00

1 20

0.00

Quality Control

Memo

MLJ 14-06-03 MF 14-6-3

DQA:			. Date:						_				`DART
QA Closed:			Date:			WORK ORDER NON	-CC	ONFO	RMANCE / UPDA		ork Order up	date only	AEROSPACE
QA Closed.		<u>.</u>	Date.								· · · · · · · · · · · · · · · · · · ·		
Work Orde	er:					DISPOSITION			A	AGAINST DE	PARTMENT,	PROCESS	
	•					Rework	1		Skid-tube C	rosstube		Water Jet	Engineering
Part N	lo.					Scrap			Machining S	Small Fab	Pro	d. Eng. Coor.	Quality
	•					Use-as-is		Therr	noforming	Finishing	Rec/Stor	e/Packaging	Other
NCR N	No.					Suspected Unapproved			Large Fab Co	omposite		Supplier	
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Root					Desc	ription of work order update		nitial	Action		Sign &	.,	001
Cause		Date	Step	Qty	<u> </u>	or non-conformance	Ch	ief Eng	Description	on	Date	Verification	QC Inspector
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Unapproved													
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		Bending				Bend		Folio/F	Program		Outside Dim	ensions .	Pressure/Forced
		Centre N	ot Concer	ntric		BOM/Route		Grain			Over/Under	tolerance	Set-up
		Cracks				Broken/Damage/Defect		Hardwa	are		Part Incorred	ાં _	Temperature/Cure
		Crimp/Ki	nk/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Unqua	lified	Part Lost/Mi	ssing	Weld
		Cuffs				Contamination	L	4	tions Incomplete/Uncle	ear	Part Moved	L	Wrong Stock Pulled
		Crushing				Countersink	<u></u>	4	gned/off center		Positioned V		\neg
		Heat Tre	at			Cut Too Short		Mislab			Power Loss/	Surge	Other
		Inspection	-	Tube	<u> </u>	Drawing		Misrea				,	
1		Marks/Cl				Drill Holes		Off-set					
		1	Sequence			Finish		4	Calibration		-11-2		
	Wave/Twist in Tube				Fit/Function		Out of	Sequence					

Picklist Print

Thursday, May 15, 2014 3:52:14 PM

Work Order ID: 119385

119385

Parent Item:

D3564-5

D3564-5

Parent Item Name: Stainless Steel Wearplate Center Aft

Start Date: 5/15/14

Required Date: 5/15/14

Page 1

Start Qty: 12.00

Required Qty: 12.00

Comments:

IPP Rev:A

New Issue 07-03-08 ec

IPP Rev:B

As per Rev C 07-07-09 JLM

IPP Rev:C

IPP Rev D

As per Rev D 07-09-09 JLM Verified By:EC

added DT# 08.04.21 DD Verified by EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304\$16GA	,	Purchased	No			100	sf	76.7670	1.5	(19)			
M304S16 304/316 Sheet .063	SGA					-90		70.7070	**			Jani	4-05-24

Location Loc Oty Loc Code MAT020 76.767 M127821 75.567 M128423 1.2

129192

129192

DQA:			Date:						_					TDΔRT
						WORK ORDER NON-	-CC	ONFO	RMANCE / UP				–	AEROSPACE
QA Closed:			Date:				_				W	ork Order up	odate only	<u> </u>
						DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS	
Work Orde	er: .					Rework Skid-tube Crosstube						Water Jet Engineering		
Part N	ما					Scrap			Machining	Small Fab		Pro	d. Eng. Coor.	Quality
· raili	V O.					Use-as-is			noforming	Finishing		4	re/Packaging	Other
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Root					Desc	ription of work order update	ı	nitial	Acti	on		Sign &		
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Landi	ng (Gear				General								
		Bending				Bend		Folio/F	rogram			Outside Dim	ensions	Pressure/Forced
		Centre N	ot Concer	ntric		BOM/Route		Grain				Over/Under	tolerance	Set-up
		Cracks		*		Broken/Damage/Defect		Hardwa	ire			Part Incorre	cí <u></u>	Temperature/Cure
		Crimp/Kii	nk/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Un	qualified		Part Lost/Mi	issing	Weld
		Cuffs				Contamination		Instruct	ions Incomplete/U	Inclear		Part Moved	Ĺ	Wrong Stock Pulled
,		Crushing				Countersink		Misalig	ned/off center			Positioned V		_
		Heat Trea	at			Cut Too Short		Mislabe				Power Loss/	Surge	Other
		Inspectio	n Strip in	Tube	_	Drawing		Misrea						
		Marks/Cl				Drill Holes		Off-set				***		
		Turning S			 -	Finish		4	Calibration					
	Wave/Twist in Tube				Fit/Function	1	Out of	Sequence						

DART AEROSPACE LTD

Description: Wearshoe

Part Number: D3564-5

Inspection Dwg: D3564 Rev: D

Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
43.50	+/-0.030	43.50"			T	Jem09
6.75	+/-0.030	6.75	_		V	Jimoy
10.00	+/-0.030	10.00			V	JEM08
20.00	+/-0.030	20.00	-		丁	
30.00	+/-0.030	30.00	<u>-</u> 		T	
2.50	+/-0.030	2.50"	-		V	
3.227	+/-0.010	3.227"			V	
38.500	+/-0.010	38.300	_		<u> </u>	
5.500	+/-0.010	5.503"			V	
2.50	+/-0.030	2.50			V	
2.432	+/-0.010	2.432"	-		V	
0.300 x 0.300	+/-0.010	0.303 x0304			V	
Ø0.188	+0.005/-0.001	0.1894	-		ν	
R0.375	+/-0.010	0375			RG	
0.063	+/-0.010	0.060			V	
			DAS			

Measured by: JM Audited by: 9,89 Prototype Approval: N/A

Date: 1405.24

Date: 14556

Date: N/A

Rev	Date	Change	Revised by KJ/EC/DD	Approved
Α	08.01.16	New Issue	NJ/EC/DIA	





